

Inion CPS™ Baby

INION

Bioabsorbable Fixation System



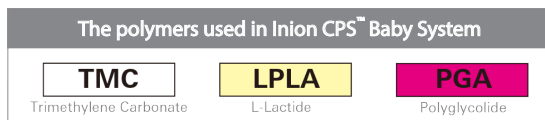
Inion CPS™ Baby Bioabsorbable Fixation System

CE 2797

All Inion CPS™ implants are composed of Inion® bioabsorbable polymer blends. They have excellent handling properties, strength and degradation characteristics that support a more natural healing process. Inion CPS™ Baby Bioabsorbable Fixation System is designed especially for the use in paediatric craniofacial trauma and reconstruction procedures.

Inion CPS™ Baby is an FDA cleared and CE-marked medical device, manufactured by Inion Oy. The conformity assessment was conducted by BSI The Netherlands (CE 2797).

Materials



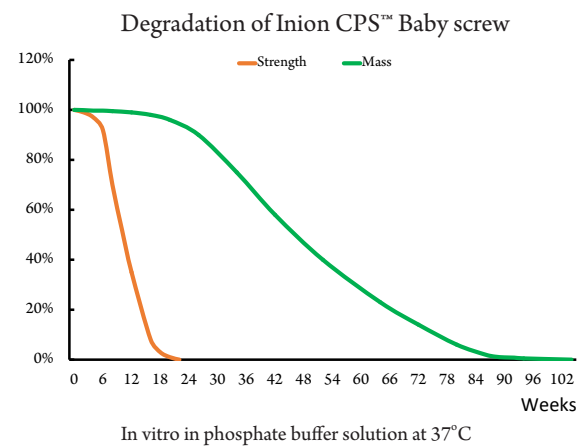
The Inion CPS™ Baby implants are composed of L-Lactide, Polyglycolide and TMC (Trimethylene Carbonate).

The proportion of each polymer varies according to the intended application of the specific implant, so that the strength, malleability and degradation profile best suits the clinical requirements.

In the case of Inion CPS™ Baby products, degradation is designed to occur faster to prevent growth restriction of the skull bones.

Degradation

Inion CPS™ Baby implants retain minimum of 70% of their initial strength 6 weeks after implantation. Bioresorption takes place within two to three years.



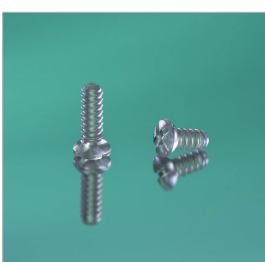
Advantages

Inion CPS™ and Inion CPS™ Baby implants have more than 25 years of safe clinical use, and more than 150,000 operations have been conducted with these products.

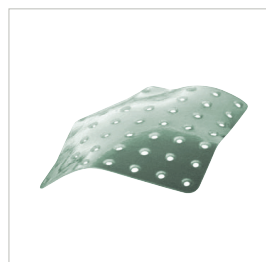
Optimal adaptation to the bone



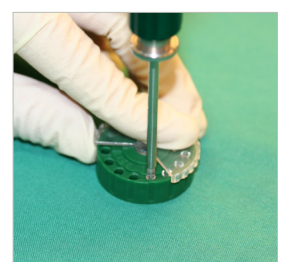
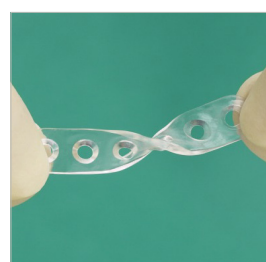
Unique design



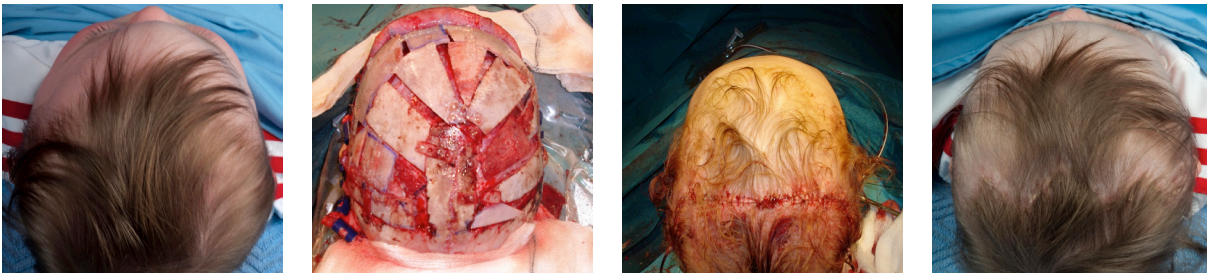
Easy to cut



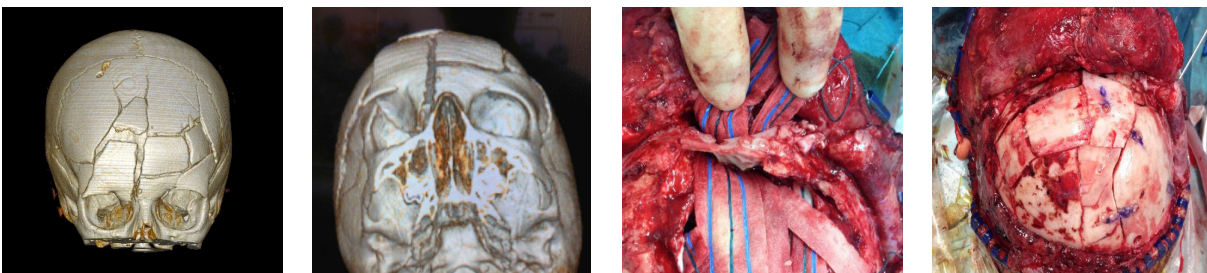
Fast and easy to use



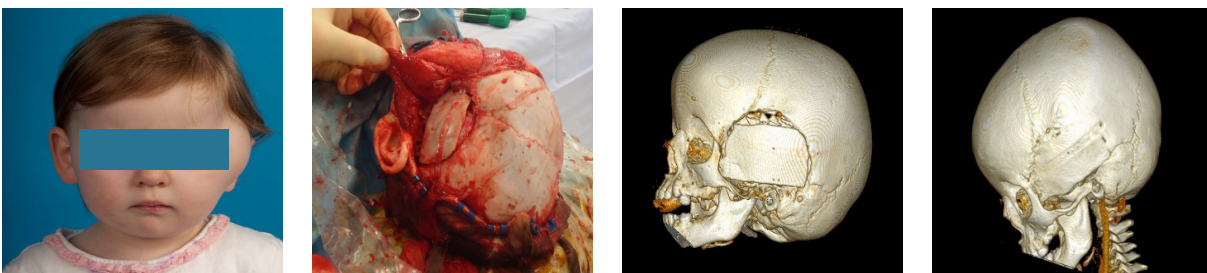
Cranial vault remodelling for craniosynostosis



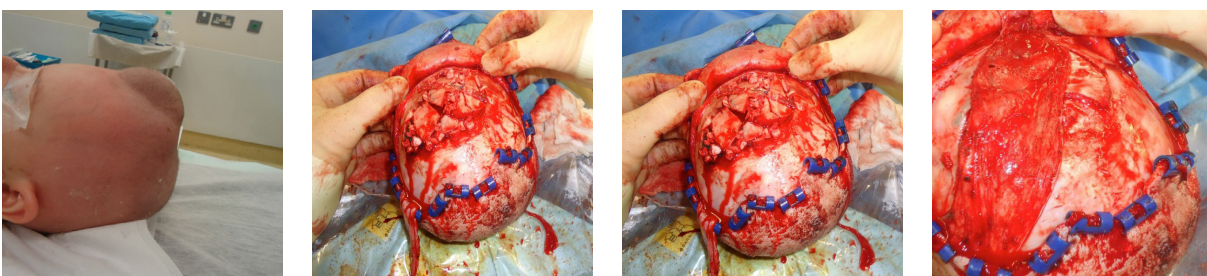
Cranial reconstruction after trauma



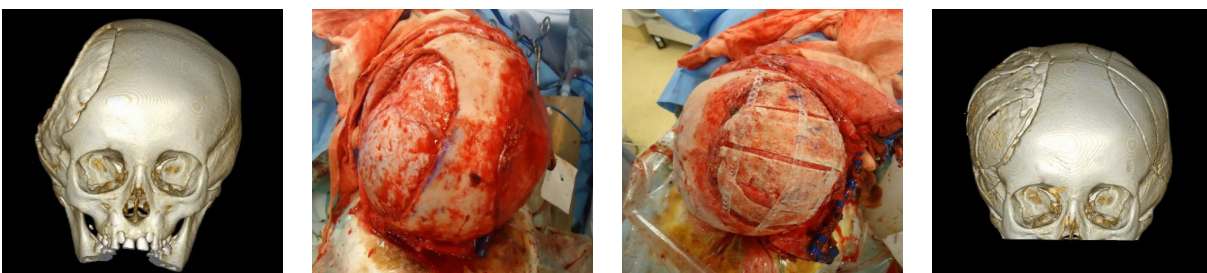
Cranial reconstruction after tumor resection



Congenital and acquired cranial deformity



Autologous cranioplasty



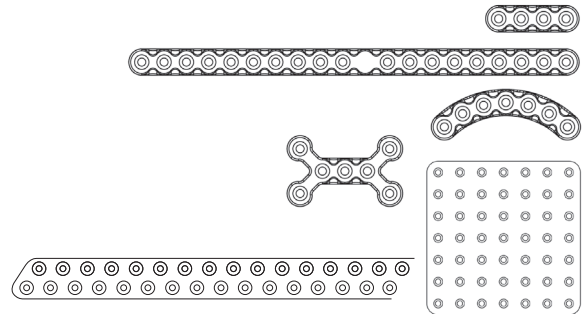
Courtesy of Dr. Dylan Murray, Children's University Hospital, Temple Street, Dublin, Ireland

Product Overview

Plates

Art. No. Description

- PLT-1000** 4 hole plate
- PLT-1001** 20 hole plate (reinforced centre hole)
- PLT-1002** C-plate, 7 holes
- PLT-1003** X-plate, 7 holes
- PLT-1028** Mesh plate, 7 x 7 holes
- PLT-1029** Mesh plate, 14 x 14 holes
- PLT-1059** 64 hole plate



Screws

Art. No. Description

- SCR-1220** 1.5 x 4 mm Screw ring 5 pcs (+ one 2.0 x 5 mm emerg.)
- SCR-1221** 1.5 x 6 mm Screw ring 5 pcs (+ one 2.0 x 7 mm emerg.)



Instruments

1.5 mm Instruments

Colour Code

Art. No.	Description	Length (mm)	Coupling	
INS-9116	1.2 mm drill bit short with 5 mm stop	50	J-latch	
INS-9002	1.2 mm drill bit with 5 mm stop	70	J-latch	
INS-9027	1.5 mm bone tap	70	Manual	
INS-9261	1.5 mm self-drilling bone tap	70	Pentagonal	
INS-9263	1.5 mm self-drilling bone tap	70	Manual	

2.0 mm Instruments

Colour Code

Art. No.	Description	Length (mm)	Coupling	
INS-9001	1.6 mm drill bit short with 7 mm stop	50	J-latch	
INS-9003	1.6 mm drill bit with 7 mm stop	70	J-latch	
INS-9030	2.0 mm bone tap	70	Manual	
INS-9262	2.0 mm self-drilling bone tap	70	Pentagonal	
INS-9264	2.0 mm self-drilling bone tap	70	Manual	

Universal Instruments

Art. No.	Description	Length (mm)	Coupling	
INS-9029	Universal screwdriver blade	70	Manual	
INS-9007	Universal screwdriver handle			
INS-9024	Plate bending pliers			
INS-9047	Counter sink 1.5/2.0 mm			
ACC-9801	Inion Thermo™ (water bath 230 V)			
ACC-9804	Inion Thermo™ (water bath 110 V)			
ACC-9802	Inion Thermo™ drape (5/package)			
ACC-9813	Inion universal instrument tray			
ACC-9818	Inion compact instrument tray			

Please confirm up-to-date product availability with Inion Sales.



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 Version 3: 6/2026